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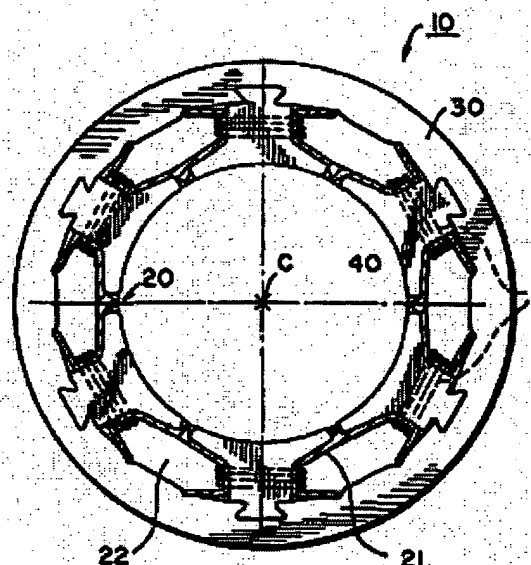
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Dynamo-electric machine stators with multiple poles, and method for winding same**Patent number:** EP1020975**Publication date:** 2000-07-19**Inventor:** BECHERUCCI RAFFAELE (IT); LUICIANI SABATINO (IT); STRATICO GIANFRANCO (IT)**Applicant:** AXIS SPA (IT)**Classification:****- international:** H02K1/12; H02K15/02**- european:** H02K1/12; H02K3/32B; H02K15/02B**Application number:** EP20000100168 20000111**Priority number(s):** US19990115753P 19990113; US20000478723 20000106**Also published as** EP102097**Cited documents:** US481891
 EP042293
 EP088636
 EP082377
 JP509170
more >>**Abstract of EP1020975**

A stator for a dynamo-electric machine (10) such as a motor or a generator includes a hollow annular inner structure (21) (e.g., of plastic material). Pole structures (e.g., of ferro-magnetic material) (40) are inserted in circumferentially spaced pole receptacles in the inner structure. Coils of wire (50) are wound around the pole structures from outside the inner structure. A hollow annular outer structure (30) (e.g., of ferro-magnetic material) is then disposed concentrically around the outside of the subassembly that includes the inner structure, the pole structures, and the coils. Methods for making the stator are also disclosed.

**FIG. 1**